

V5 Portable Edge Computing Unit

Outdoor Computing



**Self-Powered
Outdoor
Computing
Solution**

Gain the freedom to connect sensors and 3rd party applications without being tied to the electric grid.

Product Features



Self-Powered

- Perpetual Power With Proprietary V5 Solar Panels And Battery System
- Extended Operational Time With The Addition Of A V5 Auxiliary Power Pack



Computing Platform

- Multi-Core Processors
- Linux-Based Operating System
- 500GB | 1TB Onboard Storage



Wireless Communications

- Outdoor WiFi
- Cellular
- Radio Frequency



Multi-Sensor Platform

- GPS
- Temperature
- Acoustic
- 3rd Party Software Applications
- 3rd Party Sensors



User Interface Android and iOS App

- Real-Time Alerts, History and HD Downloadable Views
- Role Based Access And Control



Deployment Modes

- Edge (Standalone)
- Backend Server (Distributed)

Benefits

Fast Deployment

- Turnkey Solution
- No Permits
- Fewer Resources Needed
- Effortless Setup

Lower Expenses

- No Trenching
- 2 Year Warranty - Extendable To 5 Years

Transform Your Workforce

- Gain Productivity
- Operational Efficiency
- Economic Growth

Automate Information

- Real-Time Data Collecting And Transfer

V5 Systems' Portable Edge Computing Unit (V5 PECU) is the world's first wireless portable computing solution for the Industrial Internet of Things (IIoT). IIoT is a network of smart devices coupled with sensors of all types collecting sensor data and communicating that data between devices (machine-to-machine).

V5 PECU is a smart machine that can perform analysis on the data (machine learning), and send information to its operators and users without being tied to fixed power or data cables. This intelligent device has onboard storage, and wireless communications via WiFi and cellular, enabling customers to deploy sensors and software applications in any outdoor environment.

V5 PECU can be configured and installed in under 60 minutes; all packaged in a ruggedized enclosure for easy deployment without the need for trenching.



* 2 year warranty

* RSA 2048 keys, AES 256 encryption

Technical Specs

Enclosure	IP67
Unit Dimensions	13" L x 13" W x 8" D
Solar Panel Dimensions	38" L x 21" W x .63" D (X2)
Unit Weight	Approx. 27 lbs.
Solar Panel Weight	Approx. 5 lbs. (X2)
Onboard Storage	500 GB 1TB
Solar Panel	72W 18V 4A (X2)
Battery Storage System	1KWh
Power Output	12V 4A x 2 48V 1.5A x 1

Where to buy?

Visit our Website:
www.v5systems.us

Questions?

sales@v5systems.us
1.844.604.7350